

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

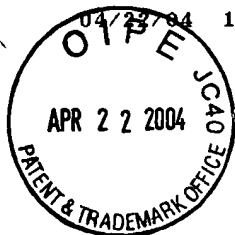
Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**



04/22/04 16:33 FAX 908 298 5405

SCHERING-PLOUGH

001

SCHERING-PLOUGH CORPORATION
LAW DEPARTMENT
2000 GALLOPING HILL ROAD
K-6-1, MAIL STOP 1990
KENILWORTH, NEW JERSEY 07033
(908) 298-4000

FACSIMILE TRANSMITTAL SHEET

TO:

USPTO

(Non-Fee Amendment)

FAX NUMBER:

(703) 746-4000

FROM:

Palaiyur S. Kalyanaraman

PHONE NUMBER:

(908) 298-5068

TOTAL NO. OF PAGES INCLUDING COVER

7

DATE

April 22, 2004

CONFIDENTIALITY NOTE: This sheet and/or the document(s) accompanying it contain information belonging to Schering-Plough Corporation and/or its affiliates which is confidential and/or legally privileged. The information is intended only for the use of the individual or entity named above. If you have received this fax in error, please immediately notify us by telephone. If there is a problem with this transmission please call Ashly Armstrong at (908) 298-4025.

NOTES/COMMENTS:

PLEASE HAND DELIVERIn re Application of: Kevin X. Chen *et al.*For Patent entitled: "Macrocyclic NS3-Serine Protease Inhibitors of Hepatitis C Virus
Comprising N-cyclic P2 Moieties"

Group Art Unit: 1653

Filed: 04/03/2001

Attorney Docket No.: IN01154K

Serial No.: 09/825,399

Transmitted herewith are:

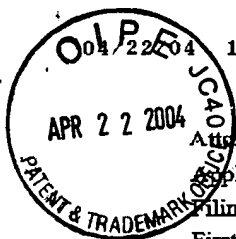
- > Certificate of Transmission under 37 CFR 1.8 - 1pg.
- > Fax Cover Sheet - 1pg.
- > Response Transmittal - 1pg.
- > Amendment/Response - 4pgs.

Palaiyur S. Kalyanaraman
Registered Representative
Registration No. 34,634

PHONE: (908) 298-5068

FAX: (908) 298-5388

PAGE 1/7 * RCVD AT 4/22/2004 4:29:34 PM [Eastern Daylight Time] * SVR:USPTO-EFAXRF-2/2 * DNIS:7464000 * CSID:908 298 5405 * DURATION (mm-ss):02-28



16:34 FAX 908 298 5405

SCHERING-PLOUGH

002

Attorney Docket No.: IN01154K

Application No.: 09/825,399

Filing Date: 04/03/2001

First Named Inventor: Kevin X. Chen

PTO/SB/97 (08-03)

Approved for use through 07/31/2006, OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Certificate of Transmission under 37 CFR 1.8

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office (Fax No. 703-746-4000)

on 04/22/2004

Date

Signature

Palaiyur S. Kalyanaraman, Reg. No. 34,634

Typed or printed name of person signing Certificate

Note: Each paper must have its own certificate of transmission, or this certificate must identify each submitted paper.

Document(s) being transmitted:

Certificate of Transmission under 37 CFR 1.8 - 1pg.

Fax Cover Sheet - 1pg.

Response Transmittal - 1pg.

Amendment/Response - 4pgs.

This collection of information is required by 37 CFR 1.8. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.8 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



PTO/SB/21 (02-04)

Approved for use through 07/31/2006. OMB 0851-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	09/825,399	
	Filing Date	04/03/2001	
	First Named Inventor	Kevin X. Chen	
	Art Unit	1653	
	Examiner Name	R. Mondesi	
Total Number of Pages in This Submission	7	Attorney Docket Number	IN01154K

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Certificate of Transmission - 1pg. Fax Cover Sheet - 1pg.
Remarks		
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm or Individual name	Palaiyur S. Kalyanaraman, Reg. No. 34,634	
Signature		
Date	04/22/2004	

CERTIFICATE OF TRANSMISSION/MAILING		
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.		
Typed or printed name		
Signature		Date

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



PATENT CASE: IN01154K-US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Kevin X. Chen *et al*

Serial No.: 09/825,399

Filed: 04/03/2001

For: "Macrocylic NS3-Serine Protease
Inhibitors of Hepatitis C Virus
Comprising N-Cyclic P2 Moieties"

Examiner: R. Mondesi

Group Art Unit: 1653

Atty. Docket No.: IN01154K

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450**RESPONSE**

Sir:

This communication is in response to the Office Action that the Examiner issued on March 24, 2004, in the above-identified patent application. This communication is being faxed to the Examiner's attention at 703-746-4000.

Claims 1-25, 27 and 31-36, along with any rejoined portions of claims 28-30, are pending in the case. Applicant respectfully requests entry and consideration of the enclosed Remarks.

Remarks begin on page 2 of this paper.